

**IN THE SPECIFICATION:**

Pursuant to 37 C.F.R. §§ 1.121 and 1.125 (as amended to date) please enter the substitute specification in clean form and including paragraph numbers [0001] through [0098] and Abstract attached hereto as Appendix A. A marked-up substitute specification to clearly identify amendments to the specification as required by 37 C.F.R. § 1.121(b)(3)(iii) is attached hereto as Appendix B. Furthermore, a substitute sequence listing is attached hereto as Appendix D. It is respectfully submitted that the substitute specification and substitute sequence listing do not introduce new matter into the above-referenced patent application.